| Index of Claim |
|----------------|
|----------------|



Application/Control No.

09/417,065

Examiner

Nga B. Nguyen

Date

Applicant(s)/Patent under Reexamination

EDLUND ET AL.

Art Unit

3692

| √ | Rejected |
|---|----------|
| _ | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

Claim

| <br>Ν | Non-Elected  |
|-------|--------------|
| ı     | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |                      |              |          |                                     |          | _              | _              |              |              |          |
|----------|----------------------|--------------|----------|-------------------------------------|----------|----------------|----------------|--------------|--------------|----------|
| Cl       | Date                 |              |          |                                     |          |                |                |              |              |          |
| <u> </u> | 1                    | 1            | Т        | Τ                                   | 1        | T              | Ť              | Т            |              | -        |
| Final    | Original             | 3/27/07      |          |                                     |          |                |                |              |              |          |
|          | 1                    | t            | 1        |                                     | $\vdash$ | T              | ╁╌             | t            | ┢╌           | -        |
|          | 2                    | _            | <u> </u> | ┢                                   | t        | T              | T              | $\vdash$     | $\vdash$     |          |
|          | 1<br>2<br>3          | 1            | 1-       | <u> </u>                            | T        | t              | t              | $\vdash$     | 1            | $\vdash$ |
|          | 4                    | T            | $\vdash$ |                                     | T        | ✝              | <b>†</b>       |              | T            |          |
|          | 5                    |              | ┢        | <u> </u>                            | 1        | T              | T              | 一            |              |          |
|          | 4<br>5<br>6<br>7     | 1            | <b>!</b> |                                     | T        | $\vdash$       | T              | T            | T            |          |
|          | 7                    |              | Ī        |                                     |          |                | ١.             | 1.           | Г            |          |
|          | 8                    |              |          | Ī                                   | Π        |                |                | Τ            |              | Г        |
|          | 9                    |              |          |                                     |          | Π              | Π              |              |              |          |
|          | 10                   |              |          |                                     |          |                |                |              |              |          |
|          | 11                   |              |          |                                     |          |                |                |              |              |          |
| <u> </u> | 12                   | _            | L        |                                     |          |                |                |              |              |          |
|          | 11<br>12<br>13<br>14 | _            |          |                                     |          |                | L              | L            |              |          |
|          | 14                   | L            |          | <u> </u>                            |          |                | L              |              | $oxed{oxed}$ |          |
| <u> </u> | 15<br>16             | $oxed{oxed}$ | <u> </u> | L                                   |          | ┖              | L              | L            | L            |          |
|          | 16                   | <u> </u>     | <u> </u> | L                                   | <u> </u> | _              | ļ              |              |              |          |
|          | 17                   | _            |          | $oxed{oxed}$                        | _        | 1_             | <u> </u>       | ļ            |              |          |
|          | 18<br>19             |              | L.       | L                                   | _        |                | L.             |              |              |          |
| 1        | 19                   | =            | L_       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L.       | ┖              | L              | ļ            |              |          |
| ļ        | 20                   | L_           | ᆫ        | _                                   | L.       | $oxed{oxed}$   | _              | ļ            | <u> </u>     |          |
| <u> </u> | 21                   |              | <u> </u> | _                                   | _        | ļ              | <u> </u>       | _            | _            |          |
|          | 22                   | _            | <u> </u> | _                                   | <u> </u> | _              | _              | Ļ            | L            | Ш        |
| <u> </u> | 23<br>24             | ļ            | <u> </u> | ļ.,                                 | ╙        | <u> </u>       | ┡              | <u> </u>     | <u> </u>     | _        |
| <u> </u> | 24                   | <u> </u>     |          |                                     | ┞        | <del>  -</del> | ┡              | ļ            | _            | Щ        |
| 10       | 25                   | =            | <u> </u> | _                                   | _        | ┡              | ├              | <u> </u>     | ┡            | _        |
| <u> </u> | 26<br>27             | ├-           | <u> </u> | <u> </u>                            |          | ⊢              | H              | <u> </u>     | <u> </u>     | Н        |
| <u> </u> | 27                   | ⊢            | ├        | ├                                   | ┞        | -              | ₩              | <del> </del> | <u> </u>     | Н        |
|          | 28                   | <u> </u>     | ├—       |                                     | $\vdash$ | <u> </u>       | <del> </del>   | Ͱ            | ⊢            | -        |
|          | 29<br>30             | -            | ┝        | _                                   | ⊢        | ├              | ┢              | ⊢            |              | Н        |
| 19       | 31                   | =            | $\vdash$ | ├                                   | -        | ⊢              | ⊢              | -            | <del> </del> | Н        |
|          | 32                   | =            |          | $\vdash$                            | ⊢        | ⊢              | ┢              | ⊢            | ⊢            | -        |
| 3        | 33                   | =            | _        | ⊢                                   | $\vdash$ | -              | ┢              | -            | ⊢            | Н        |
| 4        | 34                   | =            | $\vdash$ | -                                   | $\vdash$ | <del>  -</del> | $\vdash$       | -            | -            | H        |
| 5        | 35                   | =            | -        |                                     |          | $\vdash$       | <del>  -</del> | $\vdash$     | $\vdash$     | Н        |
| 6        | 36                   | =            |          |                                     | ┢        | $\vdash$       | 1              | $\vdash$     | H            | H        |
| 7        | 37                   | =            | Т        | $\vdash$                            | $\vdash$ | $\vdash$       |                |              |              | H        |
| 8        | 38                   | =            |          | -                                   | T        | $\vdash$       | Т              |              |              | H        |
| 9        | 39                   | =            |          |                                     | Г        |                | 1              | Г            |              | Н        |
| 11       | 40                   | =            |          |                                     | <u> </u> | П              | Г              |              | $\vdash$     | М        |
| 12       | 41                   | =            |          |                                     |          | Ī              | П              |              |              | П        |
| 13       | 42                   | =            |          |                                     |          |                |                |              |              | П        |
| 14       | 43                   | =            |          |                                     |          |                |                |              |              | П        |
| 15       | 44                   | =            |          |                                     |          |                |                |              |              |          |
| 16       | 45                   | =            |          |                                     |          |                |                |              |              | П        |
| 17       | 46                   | =            |          |                                     |          |                |                |              |              |          |
| 18       | 47                   | =            | ·        |                                     |          |                |                |              |              |          |
|          | 48                   |              |          |                                     |          |                |                |              |              |          |
|          | 49                   |              |          |                                     |          |                |                |              |              |          |
|          | 50                   |              |          |                                     |          |                |                |              |              |          |

|     |          |                | -  |          |  |              |  | <del>-</del> | ,  |  |  |
|-----|----------|----------------|--|----------|--|--------------|--|--------------|--|--|--|
|     | Final    | Original       |  |          |  |              |  |              |  |  |  |
|     |          | 51<br>52       | $\vdash$   | $\vdash$ | ┢  | T            |  |              | T  | 1  | $\vdash$   |
|     |          | 52             | H  |          | T  |              | -  | 1            |  |  | 1  |
|     |          | 53             | $\vdash$   | ┢        | ╁  | 1            | T  | $\vdash$     | <del>                                     </del> | -  | $\vdash$   |
|     | _        | 53<br>54<br>55 | <del>                                     </del> | $\vdash$ | ✝  | +-           | $\vdash$   | <del> </del> | $\vdash$   | <del>                                     </del> | t  |
|     | -        | 55             | Н  | ┢        | $\vdash$   | +-           | $\vdash$   | $\vdash$     | <del>                                     </del> | -  | H  |
|     | _        | 56             | <del> </del>                                     | $\vdash$ | ╁  |              | $\vdash$   | $\vdash$     | ╁  | $\vdash$   | $\vdash$   |
|     |          | 56<br>57       | $\vdash$   | -        | $\vdash$   | H            | <del>                                     </del> |              | $\vdash$   | -  | $\vdash$   |
|     |          | 58             | ┢  |          | 1-   | <del> </del> | H  | ╁            | 一  | 一  | $\vdash$   |
|     |          | 59             | H  | ┢        | †  | T            | <del>                                     </del> | T            | ┢  | $\vdash$   | ╁  |
|     |          | 59<br>60       | $\vdash$   | H        | $\vdash$   | <del> </del> | 一  | f            | H  | -  | H  |
|     |          | 61             | <u> </u>   | ✝        | $\vdash$   | $\vdash$     | t  | T            | $\vdash$   | $\vdash$   | İΤ   |
|     |          | 62             |  |          | 1  | T            | T  | $\vdash$     | ┢  |  | Н  |
|     |          | 62<br>63       | T  |          | t  | T            | $\vdash$   |              | ┰  | $\vdash$   | $\vdash$   |
|     |          | 64             | t  | -        | 一  | T            | t  | $\vdash$     |  | $\vdash$   | <del>                                     </del> |
|     | -        | 64<br>65       | <u> </u>   |          | T  | T            |  | t            | ┪  | T  | Н  |
|     |          | 66             | <u> </u>   | İ        | $\vdash$   | 1            | t  |              |  |  | <del>  -</del>                                   |
|     |          | 66<br>67<br>68 |  |          | ✝  | $\vdash$     | ┢  | $\vdash$     |  | -  | t  |
|     | <u> </u> | 68             |  |          | <del>                                     </del> | <del> </del> | $\vdash$   |              |  | $\vdash$   | _  |
|     |          | 69             |  |          | <del>                                     </del> | ✝            | 一  | $\vdash$     |  | $\vdash$   | $\vdash$   |
|     |          | 70             |  |          |  | <u> </u>     |  |              |  |  | <u> </u>   |
|     |          | 70<br>71       |  |          | ┢  | T            |  |              |  |  |  |
|     |          | 72             |  |          | Т  | T            | T  |              |  |  | $\vdash$   |
|     |          | 73             |  |          |  |              | Ė  |              |  |  |  |
|     |          | 72<br>73<br>74 |  | Г        |  |              |  |              |  |  |  |
|     |          | 75<br>76       |  |          |  |              | Г  |              |  |  |  |
|     |          | 76             |  |          | Г  |              | l  |              |  |  |  |
|     |          | 77             |  |          |  |              |  |              |  |  | Г  |
|     |          | 78<br>79       |  |          |  |              |  |              |  |  |  |
|     |          | 79             |  |          |  |              |  |              |  |  |  |
|     |          | 80             |  |          |  |              |  |              |  |  |  |
|     |          | 81             |  |          |  |              |  |              |  |  |  |
|     |          | 81<br>82<br>83 |  |          | L  | L            |  |              |  |  |  |
|     |          | 83             |  |          |  | L            |  |              |  |  |  |
|     |          | 84<br>85       |  |          |  | _            |  |              |  |  |  |
|     |          | 85             |  |          | L  | L            | L.   |              |  |  | L  |
|     |          | 86             | $oxed{oxed}$                                     |          | _  |              | L_   | 匚            | L  | _  |  |
|     |          | 87             |  |          | lacksquare                                       |              |  |              |  |  | L  |
| ĺ   |          | 88             |  |          | _  |              | _  |              |  |  | L  |
|     |          | 89             | Ш  |          | ╙  | Ŀ            | L  | L_           |  |  | _  |
|     |          | 90             |  |          |  | <u> </u>     | L  |              |  | <u></u>  |  |
|     |          | 91             | Щ  |          | L  | _            | ļ.,  | _            |  |  | L  |
|     |          | 92<br>93       | -i   |          | ⊢  | <u> </u>     | _  | _            | Щ  | _  | _  |
|     |          | 93             |  |          | L  | _            | L.   | ,            |  |  | _  |
|     |          | 94             | Щ  |          | <u> </u>   | _            | <u> </u>   | <u> </u>     | $\Box$   | L.   | <u> </u>   |
|     |          | 95<br>96       | $\dashv$   |          | <u> </u>   | <u> </u>     | <u> </u>   |              | $\vdash \vdash$                                  |  | $\vdash$   |
|     |          | 97             | $\vdash$   |          |  | $\vdash$     | Н  |              | $\vdash$   |  | Н  |
|     |          | 98             | $\vdash$   | _        | <u> </u>   | -            | Н  | $\vdash$     | $\dashv$   |  |  |
| I   |          | 99             | $\dashv$   |          | $\vdash$   |              | $\vdash$   | -            | -  |  |  |
|     |          | 100            |  |          | $\vdash$   |              | $\vdash$   | -            |  | =  |  |
| - 1 |          | 100            |  |          |  |              |  |              |  |  |  |

| CI   | Date                                   |  |          |              |          |                  |              |              |            |                 |
|--|--|--|----------|--------------|----------|------------------|--------------|--------------|------------|-----------------|
|  | ľ                                      | T  | Τ        | T            | Τ.       | T                | Ť            | Τ            | I          | П               |
| ਯ  | Original                               | 1  | l        |              |          | 1                | 1            | 1            |            |                 |
| Final  | rigi                                   |  |          |              |          |                  |              | l            |            |                 |
| -  | Ō                                      |  |          |              |          |                  |              |              | ľ          |                 |
|  | 101                                    | ┢  | $\vdash$ | ┢╌           | -        | ┢                | ╁╌           | ╁╌           | ╁╌         | +-              |
| _  | 101<br>102                             | ┢  | $\vdash$ | ╁            | $\vdash$ | Н                | ╁            | H            | ╁╌         | +               |
| <u> </u>   | 103                                    | ╁╌   | $\vdash$ | $\vdash$     | ┢        | ┼                | ╁            | ╁            | ╁╾         | Н               |
| -  | 103                                    | ┢  | H        | ├            | ╁        | ╁                | ┼─           | $\vdash$     | ╁          | $\vdash$        |
|  | 105                                    | -  | <u> </u> | ╁            | ╫╌       | ╁                | ┼-           | ┼-           | ╁          | Н               |
| <u> </u>   | 106                                    | ┢  |          | ├            | ┢        | -                | ⊢            | ⊢            | ⊢          | $\vdash$        |
| -  | 107                                    | ╁  |          | ╁            | ⊢        | ┢                | ╁            | ⊢            | ╁┈         | $\vdash$        |
| <del>                                     </del> | 108                                    | <del> </del>                                     | ⊢        | ╁            | H.       | ┝                | ┢            | ┢            | ┢          | $\vdash$        |
|  | 109                                    | -  | ├        | ⊢            | ╁        | ├                | -            | ┝            | -          | $\vdash$        |
| -  | 1109                                   | $\vdash$   | ⊢        | ⊢            | ⊢        | -                | -            |              |            | 1               |
| <b></b>  | 110<br>111                             | <del> </del> —                                   | $\vdash$ | ⊢            | $\vdash$ | ├                | ₩            | $\vdash$     | $\vdash$   | $\vdash$        |
|  | 111                                    | -  | $\vdash$ | <u> </u>     | ⊢        | ⊢                | ┢            | -            | ⊢          | Н               |
| <b></b>  | 112                                    | <del>                                     </del> | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$         | $\vdash$     | $\vdash$     | ├          | $\vdash \vdash$ |
| <u> </u>   | 113                                    | -  | $\vdash$ | ₩            | $\vdash$ | <del> </del>     | $\vdash$     | ₩            |            | $\vdash \vdash$ |
| <b> </b>   | 114                                    | $\vdash$   |          | <del> </del> | $\vdash$ | ⊢                |              | ļ            | <b>!</b> — | $\vdash \vdash$ |
| <u> </u>   | 112<br>113<br>114<br>115<br>116<br>117 | ├  | $\vdash$ | <u> </u>     | <u> </u> | <b>├</b>         | $\vdash$     | <b> </b>     | <u> </u>   | Ш               |
| <u> </u>   | 116                                    | <u> </u>   | <u> </u> | <u> </u>     | $\vdash$ | ↓_               | ⊢            | ▙            | <u> </u>   | Ш               |
|  | 117                                    | $\vdash$   | <u> </u> | <u> </u>     | <u> </u> | <u> </u>         | <u> </u>     | <u> </u>     | <b>L</b>   | Ш               |
| <u> </u>   | 118<br>119                             | <u> </u>   |          | L_           |          | $ldsymbol{oxed}$ | <u> </u>     | $\perp$      | L.         | Ш               |
|  | 119                                    | _  | ╙        | <u> </u>     | 匚        | <u> </u>         |              | L            | <u> </u>   |                 |
| L  | 120<br>121                             | _  | L.       | _            |          | _                | ┖            |              | L          | Ш               |
|  | 121                                    | _  | ᆫ        | L            | _        | <u> </u>         | ┖            | <u> </u>     | <u> </u>   |                 |
| ļ  | 122                                    | _  | ᆫ        | ┖            | _        | <u> </u>         | L            |              |            | Щ               |
|  | 123<br>124<br>125                      | L  | <u> </u> | L_           | Ŀ        |                  | <u> </u>     |              | L          | Ш               |
|  | 124                                    |  | _        | _            | 匚        |                  | ļ            | $oxed{oxed}$ |            | Ш               |
|  | 125                                    |  | _        | L            |          | _                |              | L            | L          | Ш               |
|  | 126                                    |  | _        | L            |          | L                | $oxed{oxed}$ | L            |            | Ш               |
|  | 127                                    |  | L        | L_           |          | <u> </u>         | L            | L            | L          | Ш               |
|  | 126<br>127<br>128<br>129<br>130        | <u>L</u>   | _        | L            |          |                  |              |              |            |                 |
|  | 129                                    |  |          | L.           |          | Ŀ                |              |              | <u></u>    | Ш               |
|  | 130                                    |  |          |              |          |                  |              |              | L          | Ш               |
|  | 131<br>132                             |  |          |              |          |                  | $\Box$       | 匚            | $\Box$     | $\Box$          |
|  | 132                                    |  | L.       |              |          |                  |              | $\Box$       |            |                 |
|  | 133                                    |  |          |              |          |                  |              |              |            |                 |
|  | 134                                    |  |          |              |          |                  |              |              |            |                 |
|  | 135                                    |  |          |              |          |                  |              |              |            |                 |
|  | 136                                    |  |          | Ĺ            |          |                  |              |              |            |                 |
|  | 137<br>138                             |  |          |              | L        |                  |              |              |            |                 |
|  | 138                                    |  |          |              |          |                  |              |              |            |                 |
|  | 139                                    |  |          |              |          |                  |              |              |            | П               |
|  | 140                                    |  |          |              |          |                  |              |              |            | П               |
|  | 141                                    |  |          |              |          |                  |              |              |            |                 |
|  | 142                                    |  |          |              |          |                  | Г            |              |            | П               |
|  | 143                                    |  |          |              |          |                  | $\Box$       |              |            | П               |
|  | 144                                    |  |          |              | Г        |                  |              | П            |            | Н               |
|  | 145                                    | H  |          |              |          |                  | Ι-           | $\vdash$     | $\vdash$   | Н               |
|  | 146                                    | П  |          |              |          | -                | $\vdash$     |              | Н          | $\vdash$        |
| $\neg \neg$                                      | 147                                    | Н  |          | П            |          | ┢═               | $\vdash$     | $\vdash$     | Η,         | $\vdash$        |
|  | 148                                    | Н  | _        | Н            |          | -                | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$        |
| -+   | 149                                    | $\vdash$   | -        |              |          | $\vdash$         | Η-           |              | $\vdash$   | $\vdash$        |
|  | 150                                    | Н  | $\equiv$ |              |          |                  | -            | Н            | Н          | $\dashv$        |
|  |  |  |          |              |          |                  | 1            |              |            |                 |